



APPENDIX B

Sequence Revision History



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Sequence Revision History

Query	GI	Version	Update Date	Status
u83661	5685863	2	Jun 21 2000 9:42	Live
u83661	5685863	2	Aug 3 1999 13:19	Dead
u83661	5685863	2	Aug 3 1999 13:10	Dead
u83661	2439973	1	Oct 2 1997 0:20	Dead
u83661	2439973	1	Sep 27 1997 1:12	Dead

Accession **U83661** was first seen at **NCBI** on **Sep 27 1997 1:12**

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Nucleotide

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Details				

1: U83661[gi:2439973]

LOCUS HSU83661 2058 bp mRNA linear PRI 27-SEP-1997
DEFINITION Human multidrug resistance-associated protein homolog (MRP5) mRNA, partial cds.
ACCESSION U83661
VERSION U83661 GI:2439973
KEYWORDS
SOURCE human.
ORGANISM *Homo sapiens*
 Eukaryotae; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria;
 Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2058)
AUTHORS Kool,M., de Haas,M., Scheffer,G.L., Schepers,R.J., van Eijk,M.J.,
 Juijn,J.A., Baas,F. and Borst,P.
TITLE Analysis of expression of cMOAT (MRP2), MRP3, MRP4, and MRP5,
 homologues of the multidrug resistance-associated protein gene
 (MRP1), in human cancer cell lines
JOURNAL Cancer Res. 57 (16), 3537-3547 (1997)
MEDLINE 97413640
REFERENCE 2 (bases 1 to 2058)
AUTHORS Kool,M., de Haas,M., Ponne,N.J., Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-JAN-1997) Molecular Biology, Netherlands Cancer
 Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
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1: U83661[gi:2439973]

LOCUS HSU83661 2058 bp mRNA linear PRI 02-OCT-1997
DEFINITION Human multidrug resistance-associated protein homolog (MRP5) mRNA, partial cds.
ACCESSION U83661
VERSION U83661.1 GI:2439973
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 2058)
AUTHORS Kool,M., de Haas,M., Scheffer,G.L., Schepers,R.J., van Eijk,M.J.,
Juijn,J.A., Baas,F. and Borst,P.
TITLE Analysis of expression of cMOAT (MRP2), MRP3, MRP4, and MRP5,
homologues of the multidrug resistance-associated protein gene
(MRP1), in human cancer cell lines
JOURNAL Cancer Res. 57 (16), 3537-3547 (1997)
MEDLINE 97413640
REFERENCE 2 (bases 1 to 2058)
AUTHORS Kool,M., Wijnholds,J., de Haas,M., Mol,C.A.A.M., Ponne,N.J.,
Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-JAN-1997) Molecular Biology, Netherlands Cancer
Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
COMMENT [WARNING] On Aug 3, 1999 this sequence was replaced by a newer
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Protein

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Γ 1: AAB71758[gi:2439974]

LOCUS AAB71758 222 aa linear PRI 01-OCT-1997
DEFINITION multidrug resistance-associated protein homolog [Homo sapiens].
ACCESSION AAB71758
PID g2439974
VERSION AAB71758.1 GI:2439974
DBSOURCE locus HSU83661 accession U83661.1
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (residues 1 to 222)
AUTHORS Kool,M., de Haas,M., Scheffer,G.L., Schepers,R.J., van Eijk,M.J.,
Juijn,J.A., Baas,F. and Borst,P.
TITLE Analysis of expression of cMOAT (MRP2), MRP3, MRP4, and MRP5,
homologues of the multidrug resistance-associated protein gene
(MRP1), in human cancer cell lines
JOURNAL Cancer Res. 57 (16), 3537-3547 (1997)
MEDLINE 97413640
REFERENCE 2 (residues 1 to 222)
AUTHORS Kool,M., Wijnholds,J., de Haas,M., Mol,C.A.A.M., Ponne,N.J.,
Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-JAN-1997) Molecular Biology, Netherlands Cancer
Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
COMMENT [WARNING] On Aug 3, 1999 this sequence was replaced by a newer
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Revised: October 24, 2001.

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1: U83661. *Homo sapiens*
mult...[gi:5685863]

Related Sequences, OMIM, Protein, PubMed, Taxonomy, UniSTS,
LinkOut

LOCUS HSU83661 5826 bp mRNA linear PRI 03-AUG-1999
DEFINITION *Homo sapiens* multidrug resistance protein 5 (MRP5) mRNA, complete
cds.
ACCESSION U83661
VERSION U83661.2 GI:5685863
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SOURCE human.
ORGANISM *Homo sapiens*
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 5826)
AUTHORS Kool,M., de Haas,M., Scheffer,G.L., Scheper,R.J., van Eijk,M.J.,
Juijn,J.A., Baas,F. and Borst,P.
TITLE Analysis of expression of cMOAT (MRP2), MRP3, MRP4, and MRP5,
homologues of the multidrug resistance-associated protein gene
(MRP1), in human cancer cell lines
JOURNAL Cancer Res. 57 (16), 3537-3547 (1997)
MEDLINE 97413640
REFERENCE 2 (bases 3765 to 5822)
AUTHORS Kool,M., Wijnholds,J., de Haas,M., Mol,C.A.A.M., Ponne,N.J.,
Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-JAN-1997) Molecular Biology, Netherlands Cancer
Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
REFERENCE 3 (bases 1 to 5826)
AUTHORS Wijnholds,J., Mol,C.A.A.M., Ponne,N.J., Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-AUG-1999) Molecular Biology, Netherlands Cancer
Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
REMARK Sequence update by submitter
COMMENT On Aug 3, 1999 this sequence version replaced gi:2439973.
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11

Revised: October 24, 2001



Protein

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Details				

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BLink, Nucleotide, OMIM, Related Sequences, PubMed, Taxonomy, LinkOut

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ACCESSION AAB71758
PID g5685864
VERSION AAB71758.2 GI:5685864
DBSOURCE locus HSU83661 accession U83661.2
KEYWORDS
SOURCE .
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (residues 1 to 1437)
AUTHORS Wijnholds,J., Mol,C.A., van Deemter,L., de Haas,M., Scheffer,G.L.,
Baas,F., Beijnen,J.H., Schepen,R.J., Hatse,S., De Clercq,E.,
Balzarini,J. and Borst,P.
TITLE Multidrug-resistance protein 5 is a multispecific organic anion
transporter able to transport nucleotide analogs
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (13), 7476-7481 (2000)
MEDLINE 20319051
REFERENCE 2 (residues 1 to 1437)
AUTHORS Wijnholds,J., Mol,C.A.A.M., Ponne,N.J., Baas,F. and Borst,P.
TITLE Direct Submission
JOURNAL Submitted (03-AUG-1999) Molecular Biology, Netherlands Cancer
Institute, Plesmanlaan 121, Amsterdam 1066 CX, The Netherlands
REMARK Sequence update by submitter
COMMENT On Aug 3, 1999 this sequence version replaced gi:2439974.
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